

Aviation High Speed Motor - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Aviation High Speed Motor Market is accounted for \$2.14 billion in 2020 and is expected to reach \$3.74 billion by 2028 growing at a CAGR of 7.2% during the forecast period. Increasing deployment of unmanned aerial vehicles (UAV) for military operations and rising procurement of new aircrafts are the major factors propelling the market growth. However, fluctuating raw material price is hampering the market growth.

Speed of a motor is the magnitude of the rotational velocity of the motor shaft. In a motion application in aviation, speed of the motor dictates how fast the axis rotates and the number of complete revolutions per unit time. Therefore, high speed motors such as light-weight and high power density are strongly required for electric turbo blowers used in aircraft. A balance must be achieved between speed and torque, as motors typically generate less torque when run at higher speeds.

Based on application, the propulsion system segment is going to have a lucrative growth during the forecast period owing to its increasing demand in various power generating applications in an aircraft, such as AC generators, auxiliary power units (APU), ram air turbine pumps, and others. The growth of the segment is attributed to the growing number of commercial aircraft deliveries. This segment is also predicted to be the fastest-growing segment as well, owing to the increasing use of electric motors as engines in electric aircraft and UAVs.

By geography, Asia Pacific is going to have a lucrative growth during the forecast period due to the rising investments in the aviation sector by countries such as India, China, Japan, and others. The increasing procurement of new aircraft to expand fleets to meet the growing air passenger traffic is expected to drive the growth of the regional market.

Some of the key players profiled in the Aviation High Speed Motor Market include Allied Motion Technologies, ARC Systems Inc, EMRAX d.o.o, H3X Technologies Inc, MagniX, Meggitt PLC, MGM COMPRO, NEMA Ltd, Pipistrel, Safran Electrical & Power, Siemens, Windings Inc, and Xoar International LLC.

Types Covered:

Alternating Current (AC) Motor

Direct Current (DC) Motor

Platforms Covered:

Business Aircraft

Commercial Aircraft

Electric Aircraft

General Aviation Aircraft

Helicopters

Unmanned Aerial Vehicles

Applications Covered:

Flight Control

Fuel Management System

Propulsion System

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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